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(54) Title: COMPOSITION AND METHOD FOR TREATING INFLAMMATORY DISEASES USING PROTEASE INHIBITORS

(57) Abstract: Compositions containing a protease inhibitor and methods of use and production are described. The compositions contain an effective amount of a protease inhibitor in a carrier or diluent and are used for the treatment of inflammatory or hyperproliferic mucocutaneous disorders. The carrier or diluent is preferably a gelling agent, and the composition is a topical gel formulation containing alpha 1-antitrypsin in an aqueous liquid or viscous gel formulation.

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34. Use according to claim 11, wherein the inhibitor is  $\alpha$ 1-antitrypsin and the disorder is ichthyosis.

~~5 35. Use according to claim 11, wherein the inhibitor is  $\alpha$ 1-antitrypsin and the disorder is psoriasis.~~

36. Use according to claim 11, wherein the inhibitor is  $\alpha$ 1-antitrypsin and the disorder is atopic dermatitis.

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*Amended sheet*